



**Airworthiness
Directive
D-2005-233**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Eurocopter Deutschland

Effective Date: 24. June 2005

Affected:

Kind of aeronautical product: Helicopter
Manufacturer: Eurocopter Deutschland, Ottobrunn, Germany
Type: EC 135
Models affected: all
Serial numbers affected: all
German Type Certificate No.: 3061

Subject:

Main Rotor System – Sliding Sleeve – Extension of the preflight check

Reason:

During the preflight check, in two cases, it was detected that one of the plain journal bearings of the sliding sleeve has moved to the outside of the sliding sleeve. If such a plain journal bearing completely shifts towards the inside or the outside, there is the possibility of a limited movement of the collective controls.

With this Airworthiness Directive an extension of the preflight check is introduced, in order to be able to detect a dislocated plain journal bearing in time.

Action / Compliance:

This Airworthiness Directive must be made known to the EC135 pilot before the next flight.

- Visually inspect position of the upper plain journal bearing in the sliding sleeve. Open gear cover and visually inspect position of the lower plain journal bearing in the sliding sleeve.
- Insert a copy of the flight manual part which is attached to the referenced Alert Service Bulletin into the Flight Manual.
- The sliding sleeve must be checked by the pilot in the frame of the pre-flight check in accordance with the instruction of the referenced Alert Service Bulletin.
- If the bushing is not in its correct position: further flights are only permitted after positive decision of the ECD customer service.

The actions must be performed in accordance with the instructions of the referenced Service Bulletin.

Technical publication of the manufacturer:

Eurocopter Deutschland EC135 Alert Service Bulletin No. EC135-62A-021 dated 23. June 2005 which becomes herewith part of this AD and must be obtained from Messrs.:

Eurocopter Deutschland
P.O. Box
81663 München
Federal Republic of Germany

Phone: + 49 (0) 89 6000-9137 Fax: + 49 (0) 89 6000 6060

Holders of affected aircraft registered in Germany have to observe the following:

Enquiries regarding this Airworthiness Directive should be referred to Mr. Olaf Schneider, Airworthiness Directive Section at the above address, fax-no. 0049 531/2355-720. Please note, that in case of any difficulty, reference should be made to the German issue!

Action has to be accomplished by the owner of the aircraft or an approved service station and to be checked and entered in the log book by a licensed inspector.

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed.

An appeal to this notice may be raised within a period of one month following notification. Appeals are to be raised with the Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig, in writing or for the purpose of drawing up minutes.

Note:

The Luftfahrt-Bundesamt has issued this Airworthiness Directive in accordance with Article 10.1 of European Union Regulation 1592/2002.

SUPERSEDED